



Ph.D/M.Sc Supervisor



Dr Shah Murtaza Mushtaq
Assistant Professor

Division of Forest Resource Management, Faculty of Forestry
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POTENTIAL AREAS FOR PHD SUPERVISION

- Forest ecology and biodiversity
- Climate Change and Vulnerability
- Soil quality indexing

EMPLOYMENT HISTORY

<u>Period</u>	<u>Designation</u>
16 th February, 2019 till date	Assistant Professor Division of Natural Resource Management, Faculty of Forestry, SKUAST-Kashmir J&K India.
1 st August, 2015 to 15 th February, 2019	Scientist-B State Climate Change Centre, Department of ecology, Environment & Remote Sensing, J & K

Students' advisory (Pass outs & Ongoing)

	Pass out		Ongoing	
	Major Advisor	Co-Advisor	Major Advisor	Co-Advisor
Doctoral	0	01	0	04
Masters	01	02	02	06

MEMBERSHIPS:

- Life Member, SKUAST Journal of Research.

Publications		
S. No.	Nature of publication	Number
1	Research paper (National/International)	30
	Review paper	02
2	Conference full paper	07
3	Conference abstract	30
4	Technical bulletin	03
5	Technical reports	03
6	Newsletter	0
7	Newspaper articles	0
8	Books	0
9	Book Chapters	03
	Total	78

Important publications

Publication	Rating
Mehraj, B., Wani, A.A., Gatoo, A.A., Bhat, J.A., Islam, M.A., Nazir, N., Bhat, A.F., Murtaza, S. , Baba, A.A., Saleem, I. and Buch, K. 2022. Assessing soil properties and chemical quality indices under trees outside forests (TOFs) in temperate Himalayan region. <i>Environmental Monitoring and Assessment</i> (2022) 194: 281 https://doi.org/10.1007/s10661-022-09922-9	3.20
Islam, M.A., Wani, A.A., Bhat, G.M., Gatoo, A.A., Murtaza Shah , Anjum, Khushnooda and Atta, U. 2021. Homestead tree resource production for rural livelihood security in Kashmir Himalaya. <i>Range Management and Agroforestry</i> , 42(2): 334-340.	6.28 NAAS
Mehraj, B., Wani, A.A., Gatoo, A.A., Saleem, I., Anjum, A., Arjumand, T., Hussain, A., Murtaza, S. , Farooq, A. and Islam, M.A. 2021. Assessment of land use land cover with special reference to trees outside forests (TOF) in the Central region of Kashmir Himalayas using IRS LISS-IV data. <i>Indian Forester</i> , 147(9): 759-763. DOI: 10.36808/if/2021/v147i9/165511	4.38 NAAS
Islam, M.A., Mugloo, J.A., Raj, A., Bhat, G.M., Wani, A.A., Gatoo, A.A., Malik, A.R., Pala, N.A. and Murtaza, S. 2021. Agroforestry strategy for revitalizing fodder security in Kashmir Himalaya, India. <i>Agricultural Research</i> , 10(3): 1-11. DOI: http://dx.doi.org/10.1007/s40003-021-00592-6	4.63 NAAS
Wani. A.A., Bhat, A.F. Gatoo, A.A., Zahoor, S., Mehraj, B., Najam, N., Wani, Q.S., Islam, M.A., Murtaza, S. , Dervash, M., Joshi, P. K. (2021). Assessing relationship of forest biophysical factors with NDVI for carbon management in key coniferous strata of temperate Himalayas <i>Mitigation and Adaptation Strategies for Global Change</i> 26(1):1-22.	3.683 IF
AA Wani, Y Amin, AA Gatoo, MA Islam, S Murtaza , A Farooq, TH Masoodi, 2020. Assessing Drivers of Deforestation and Forest Degradation in PirPanjal Region of Kashmir Himalayas using Geospatial Approach, <i>Indian Forester</i> 146(12),1104-1114.	4.38 NAAS
MA Islam, AA Wani, GM Bhat, AA Gatoo, S Murtaza , U Atta, SSGS Shah, 2020. Economic contribution and inequality mitigation of wicker handicraft entrepreneurship in rural Kashmir, India, <i>Current Journal of Applied Science and Technology</i> , 138-149.	0.71 IF
MA Islam, AA Wani, GM Bhat, AA Gatoo, S Murtaza , U Atta, SSGS Shah 2020. Diagnostic SWOT appraisal of the wicker handicraft entrepreneurship development in Kashmir, India, <i>Journal of Applied and Natural Science</i> 12(2), 193-201.	4.28 NAAS
AA Gatoo, AA Wani, MA Islam, S Murtaza , A Bhat, S Zehra 2020. Natural regeneration status of <i>Betula utilis</i> in Sangla valley of Indian Himalayas, <i>Journal of Pharmacognosy and Phytochemistry</i> 9 (2), 1574-1580.	0.454 IF
SM Mushtaq , SA Gangoo, AA Gatoo, AA Wani, A Farooq, 2019. Prospects of Cultivation and Commercialization of Seabuckthorn (<i>Hippophae spp.</i>) in Jammu & Kashmir, <i>Indian Forester</i> 145(12), 1190-1197.	4.38 NAAS
S Murtaza , TH Masoodi, PA Khan, AA Wani, AA Gatoo, 2019. Carbon allocation of 20 years old <i>Salix alba</i> plantations in different components under different diameter classes under temperate conditions of Kashmir, India, <i>SKUAST Journal of Research</i> 21(1), 44-49.	3.81 NAAS
Akhlaq Amin Wani, Arijit Roy, P. K. Dorothy, Seema Joshi, Aasif A. Gatoo, M. A. Islam, Amarjeet Singh, Amir F. Bhat and Shah Murtaza , 2018. Assessing Land-use Land-cover Dynamics (1990-2030) in Pathri Reserve Forest using Geospatial Technology. <i>Indian Forester</i> 144 (7): 653-659, 2018.	4.38 NAAS

Shah Murtaza , T. H. Masoodi, S. Naseem Zafar, Aasif A. Gatoo, Akhlaq A. Wani and J.A. Wani, 2018. Soil carbon pool under <i>Salix alba</i> plantations and adjacent bare soils in temperate regions of Kashmir. <i>Indian Forester</i> 144 (6): 523-526.	4.38 NAAS
Mushtaq Shah Murtaza and Gangoo Sajad Ahmad, 2017. Anardana (dehydrated wild pomegranate arils) as livelihood option for rural communities in Chenab valley of Jammu and Kashmir. <i>Indian Journal of Horticulture</i> 74 (2): 306-309.	6.15 NAAS
Shah Murtaza , T. H. Masoodi, S. Naseem Zafar, Z. A. Baba, Aasif A. Gatoo, Akhlaq A. Wani and J.A. Wani, 2017. Variation in microbial biomass carbon under the canopy of <i>Salix alba</i> plantations in temperate regions of Kashmir (India). <i>SKUAST Journal of Research</i> 19 (2): 246-250.	3.81 NAAS
Shah Murtaza ; T. H. Masoodi; S.A. Gangoo; P.A. Khan; Akhlaq A. Wani and Aasif Ali Gatoo. 2017. Relative economics for cultivating <i>Salix alba</i> plantations for carbon trading under temperate conditions of Kashmir, India. <i>Indian Forester</i> 143 (4): 297-302.	4.38 NAAS
Akhlaq A. Wani, P. K. Joshi, Ombir Singh, Asif A. Gatoo, Amarjeet Singh, Rafiq A. Mir, Bilal A. Khaki and Shah Murtaza , 2016. Assessing undergrowth biomass carbon variability under different strata in temperate Himalayan region. <i>Indian Forester</i> 142 (3): 283-288.	4.38 NAAS
Murtaza Shah , T.H. Masoodi, P.A. Khan J.A. Wani And S.A. Mir, 2015. Vegetation analysis and carbon sequestration potential of <i>Salix alba</i> plantations under temperate conditions of Kashmir, India. <i>Indian Forester</i> 141 (7): 755-761.	4.38 NAAS
S. A. Gangoo, T.H. Masoodi, Shah Murtaza and M.A. Islam, 2015. Management of exotic Poplars for production of quality timber and reducing cotton menace in Kashmir (J & K). <i>Indian Forester</i> 141 (5): 514-519.	4.38 NAAS
T. H. Masoodi, Hillal Ahmad S. A. Gangoo P. A. Sofi, S. A. Mir, Shah Murtaza Altamash Bashir G. M. Bhat A. A. Mir M. A. Bhat, 2014. Cricket Bat Industry as an Economically Viable Livelihood Option in Kashmir: Present Status and Future Prospects. <i>Forest Products Journal</i> , Vol. 64 (3/4):134–140.	6.48 NAAS
S.A. Gangoo, N.A. Masoodi and Shah Murtaza , 2014. <i>Cupressus torulosa</i> progeny test: variability and heritability estimate. <i>Indian Forester</i> 140 (6): 604-607.	4.38 NAAS
J.A. Mugloo, R. Banyal, P.A. Khan, S. Murtaza and Gowher Nabi, 2014. Man-wild animal conflicts in Jammu and Kashmir: A critical review. <i>Indian Forester</i> 140 (10): 976-981.	4.38 NAAS
Murtaza. S , T.H. Masoodi and S.A. Hussian, 2012. Assessment of JFM Committees in Anantnag Forest Division, Jammu and Kashmir. <i>Environment and Ecology</i> 30 (3): pp 481-485	4.18 NAAS
Bhat, G.M, Amerjeet Singh, Shah Murtaza , 2011. Use of organic manure and microbial inoculation for production of qualitative containerized seedlings of <i>cedrus deodara</i> and <i>cupressus torulosa</i> . <i>Advances in Plant Sciences</i> 24 (1): 93-95.	2.90 NAAS
Murtaza. S , S.A. Hussain and Showket Ali, 2011. Impact of pollutants on physico-chemical characteristics of Dal Lake under temperate conditions of Kashmir. <i>Environment and Ecology</i> , 29 (4): 1714-1716.	4.38 NAAS



Total publications	78
Citations	54
h-index	5
i10 Index	5

Dated:

Sd/-
Shah Murtaza Mushtaq